Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

**Cell/plasma membrane structure**

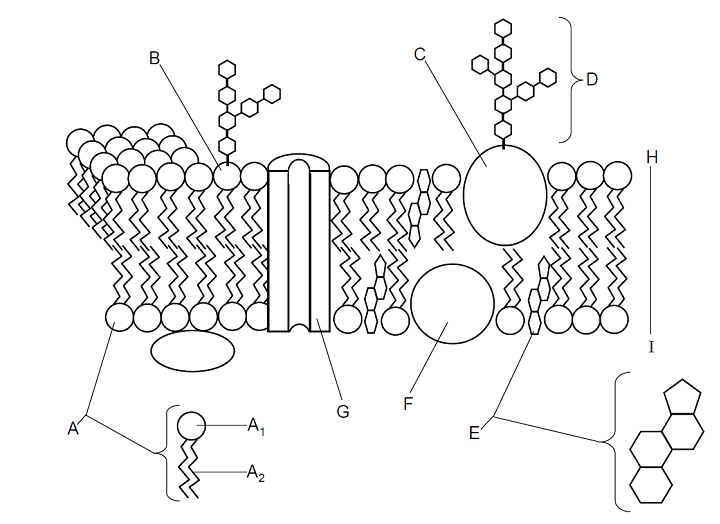
*Refer to Sec 7.2 and your notes*

**In sentences, describe the structure of the plasma membrane:**

**What is the function of the plasma membrane?**

*Directions*:

* **COLOR** each different part of the cell membrane a different color. For example, color all polar heads blue etc.
* Then, on back page, use the word bank (on the next pg) to **identify** the different parts of the cell membrane.
* Finally **write down the properties and/or function of the parts** on the chart on the back page.



Word bank

Carbohydrate chain Cholesterol Nonpolar tails

Phospholipid Polar head Protein channel (transport protein)

|  |  |
| --- | --- |
| **Part** | **Properties/Function** |
| **A:** |  |
| **A1:** |  |
| **A2:** |  |
| **C:** Glycoprotein | Protein attached to a carbohydrate chain |
| **D:** |  |
| **E:** |  |
| **F:** Peripheral protein | Temporarily part of phospholipid bilayer; often found in association with integral membrane proteins |
| **G:** |  |

**Draw and label a phospholipid.**

**What parts of a phospholipid face outward/touch water?**

**What parts of a phospholipid face inward/do not directly touch water?**